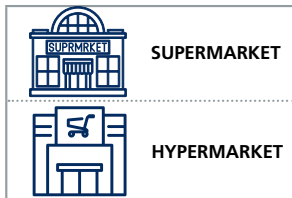


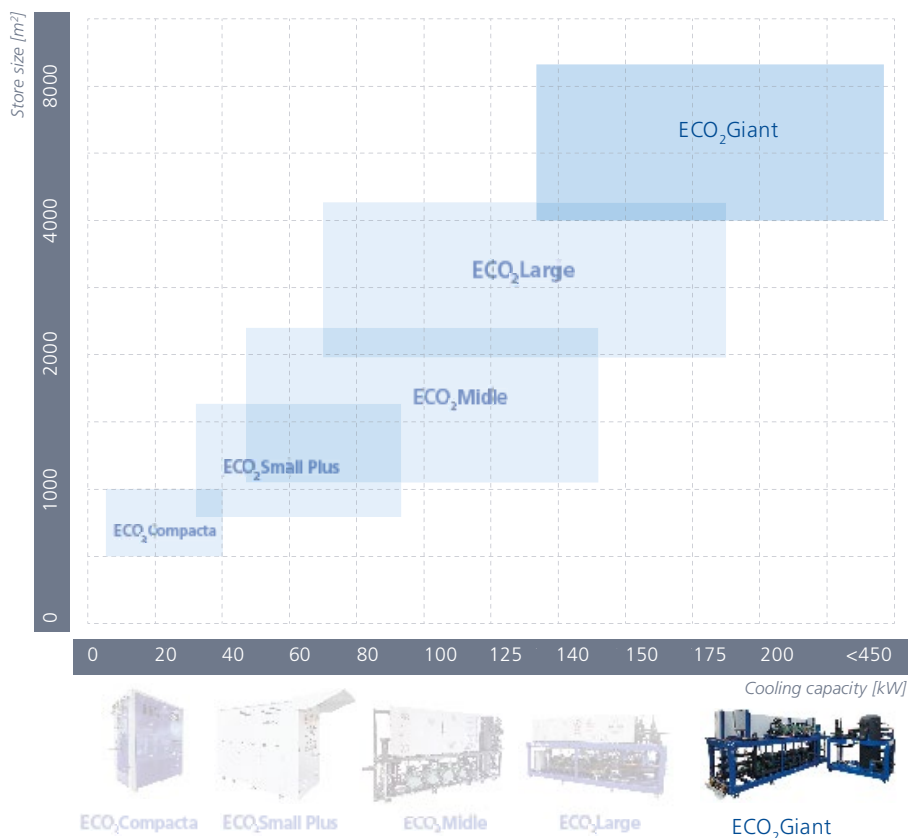
ECO2GIANT

MT from **180** to **400** [kW]

LT from **0** to **170** [kW]



Range of Power Packs CO₂



- CO₂ transcritical unit
- High level of customization
- Booster LT and MT
- High pressure oil solution from EPTA
- **ETE** and **FTE** performing systems available on this platform
- High capacities
- Modular construction

Technical Information

Compressors BITZER	
Number of MT compressor	max 6
Number of LT compressor	max 4
Number of ETE compressor	max 2 (total MT+ETE = maxi 6)
Smallest MT compressor	4JTE-10K
Biggest MT compressor	6CTE-50K
Smallest LT compressor	2JSL-2K
Biggest LT compressor	4CSL-12K/4DME-10K (on request)
Smallest ETE compressor	4KTE-12K
Biggest ETE compressor	4FTE-30K
Biggest parallel compressor	6DTE-50K
Max flash gas mass flow without ETE or parallel compres.	4500 kg/h
General	
Power supply	3P+T400 V (50HZ) Max 630 A
Short-circuit current (kA)	35 kA (standard) 50 kA (on request)
Max weight	3950 kg
Liquid receiver volume	300 l / 2*165 l / 435 l / 2*300 l
Estimated sound pressure level (max)	63,5 dB(A)@10m
Sound power level (-10° C / 90 bar)	95 dB(A)
Installation	Indoor or outdoor version
Pressure service	
High pressure	120 bar
Suction MT	45/53/60 bar
Suction LT	30/60 bar
Suction ETE	100 bar
Liquid line	30/60 bar
Oil circuit	120 bar

Components and options

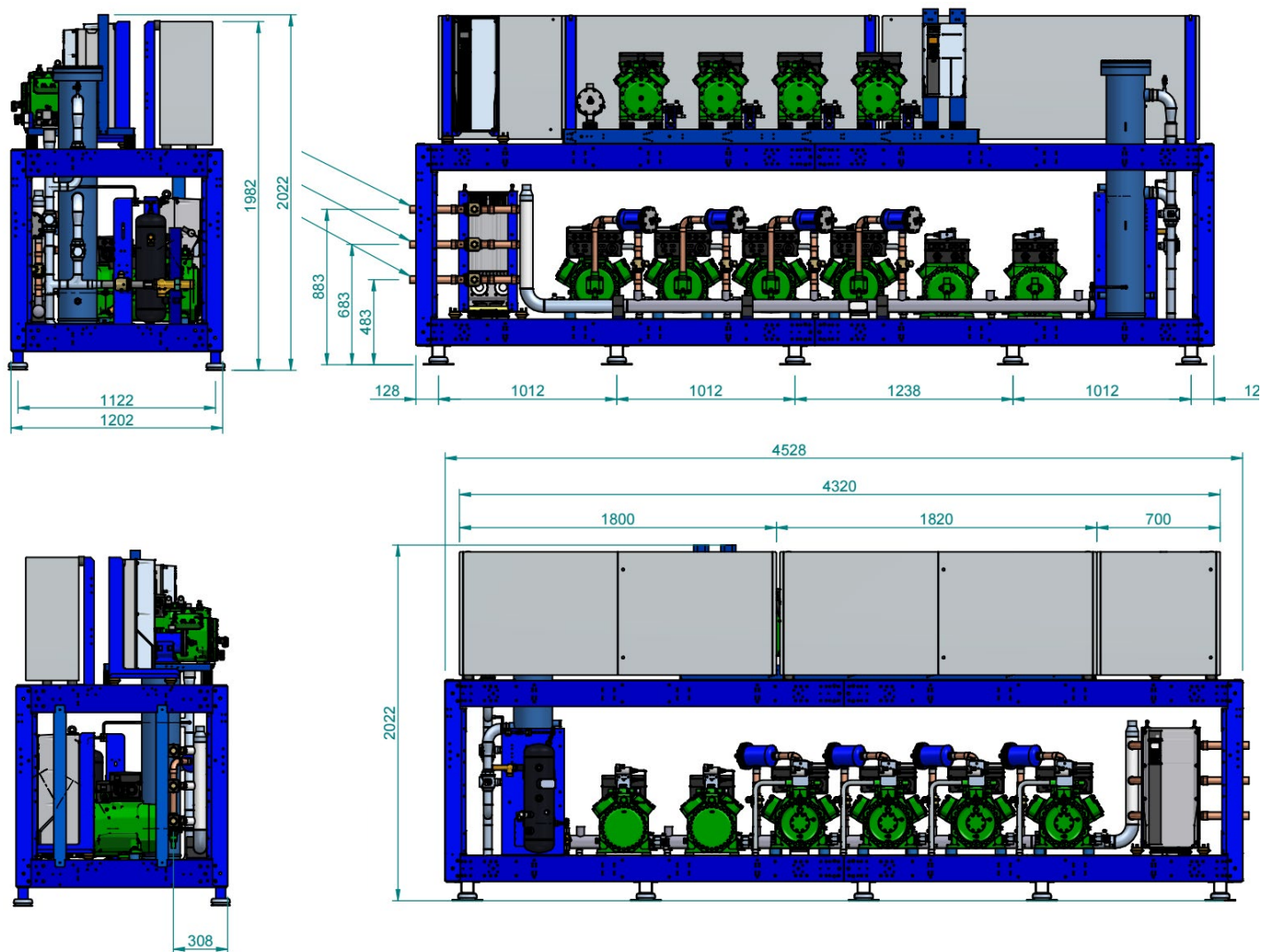
ACCESSORIES	BASIC	OPTIONAL
SECURITY PACK		
DoUble flash gas valve (1 back-up)		•
DoUble transcritical valve (1 back-up)		•
Back-up regulator		•
UPS predisposition	•	
Liquid injection MT	•	
Hot gas injection MT / LT		•
Doble safety valve connected on pack		on request
Doble safety valve on remote rack		•
Alarm liquid level		•
Air desuperheater for LT outlet		•
Back-up R744 unit onboard		•
MAINTENANCE PACK		
Filter suction MT (1/compressor)	•	
Filter suction LT	•	
Filter on oil line	•	
Liquid line with dryer replaceable cartridge	•	
By-pass oil separator		•
By-pass liquid line		•
Predisposition for ICE SMART		•

ACCESSORIES	BASIC	OPTIONAL
PERFORMANCE PACK		
CR II IQ module		on request
Inverter MT/LT	•	
ETE integrated		•
ETE remote		•
Parallel compression		on request
FTE remote		•
LSPM motor on 1st MT compressor		•
ELECTRICAL PANEL		
Differential protection		•
Emergency push button		•
Electrical counter		•
Display		•
Inverter MT / inverter LT 1st compressor	•	
Remote heat recovery with hydraulic module		on request
DANFOSS regulator		•
CAREL regulator		•
WURM regulator		on request
MECHANICAL		
Housing		•
Noise insulation on housing.		•
Feet with absorbers feet.	•	
EXCHANGERS		
Exchanger for heat recovery onboard		on request
Exchanger for heat recovery remote		•
Economizer (exchanger out GC / flash gas)		•
Auto subcooler for liquid line with regulation (Exchanger liquid line / suction)		on request
Auto subcooler for liquid line (exchanger liquid line / flash gas)		on request
Subcooler outlet gas cooler exchanger		•

Dimensions

ECOGIANT MT6 I+LT4 INDOOR UNIT

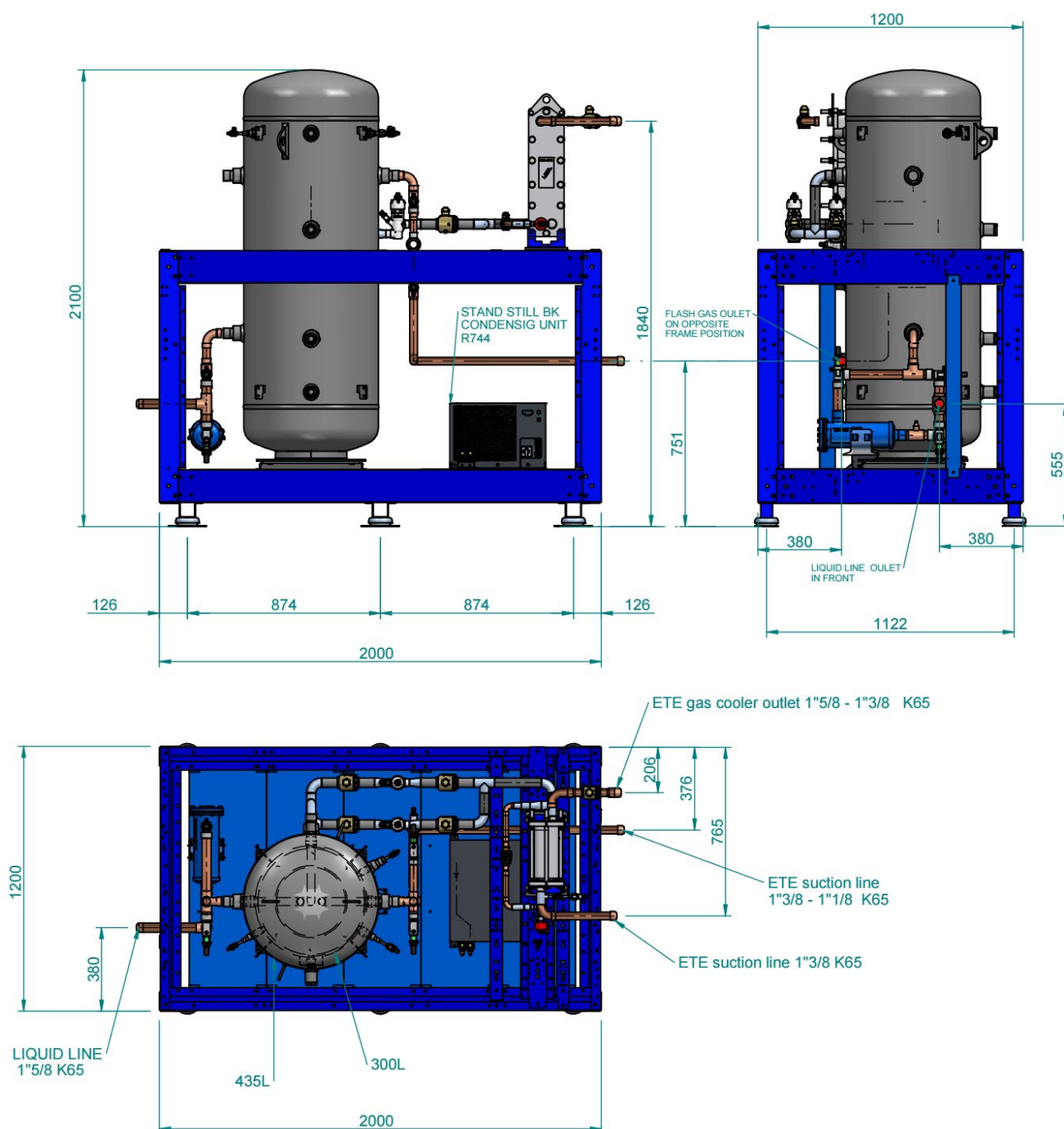
Dimensions: 4500*1200* H 2020 mm



Dimensions

LIQUID RECEIVER 300 L / 435 L INDOOR VERSION

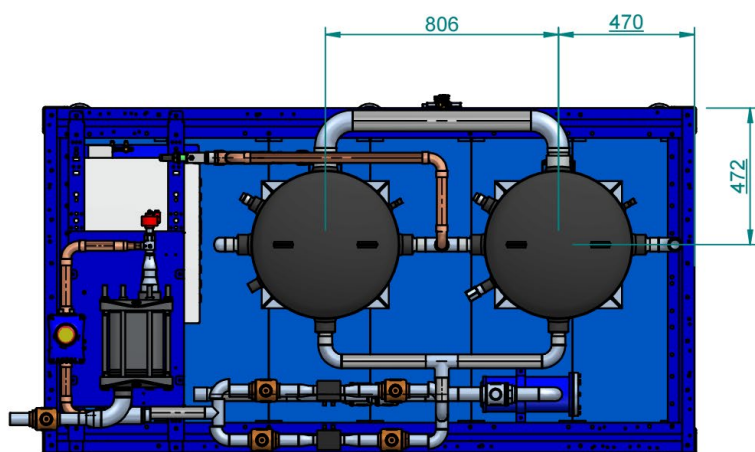
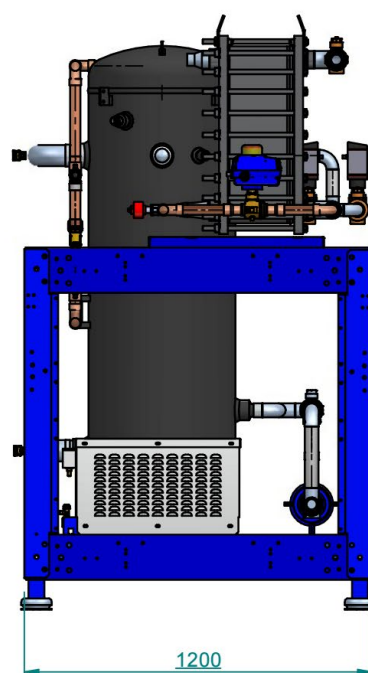
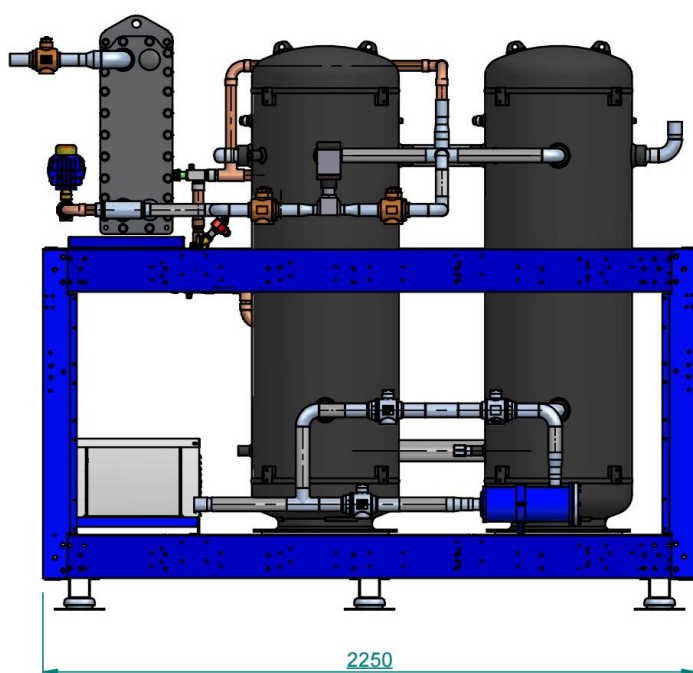
DIMENSIONS: 2000*1200* H 2100 MM



Dimensions

LIQUID RECEIVER 2*165 / 2*300 L INDOOR VERSION

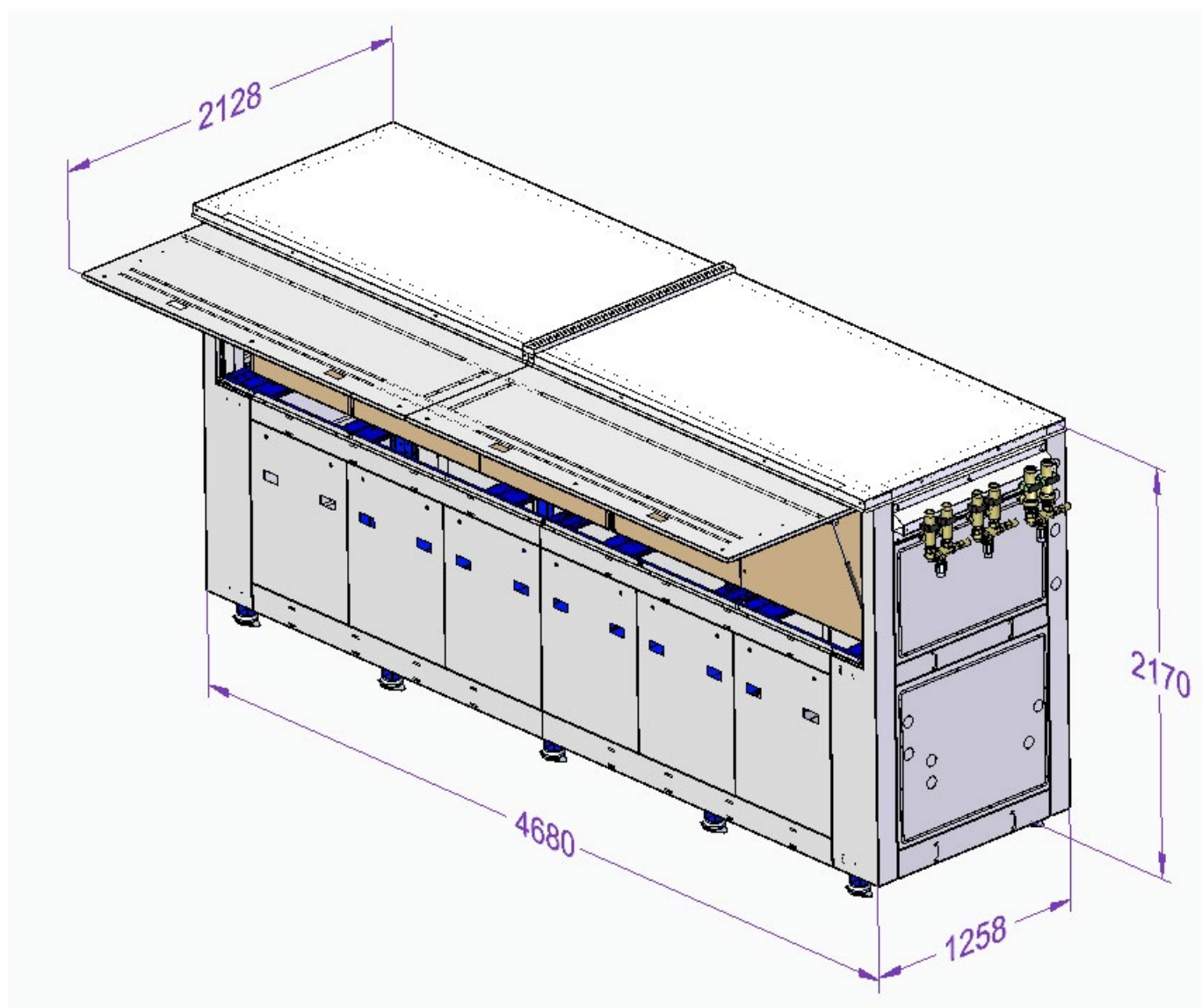
DIMENSIONS: 2250*1200* H 2100 MM



Dimensions

ECOGIANT MT6 I+LT4 OUTDOOR UNIT

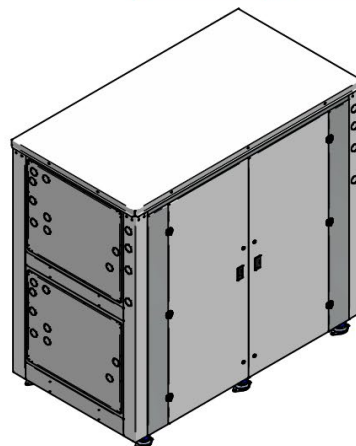
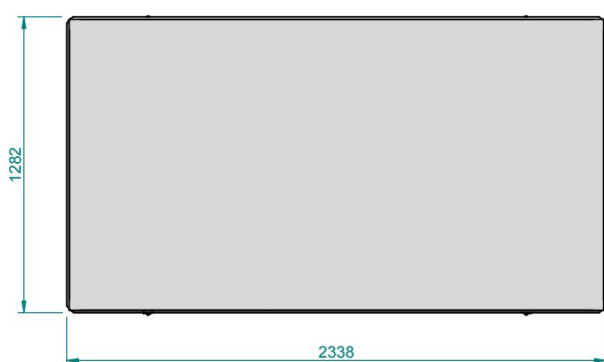
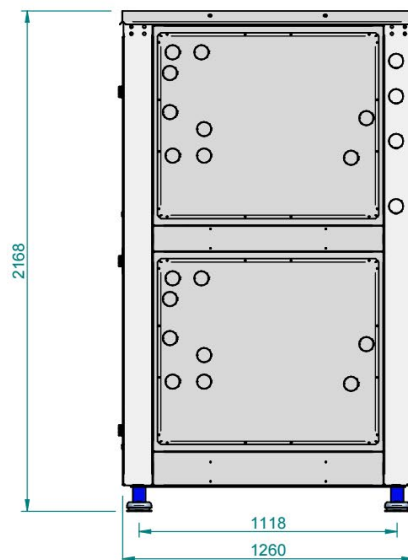
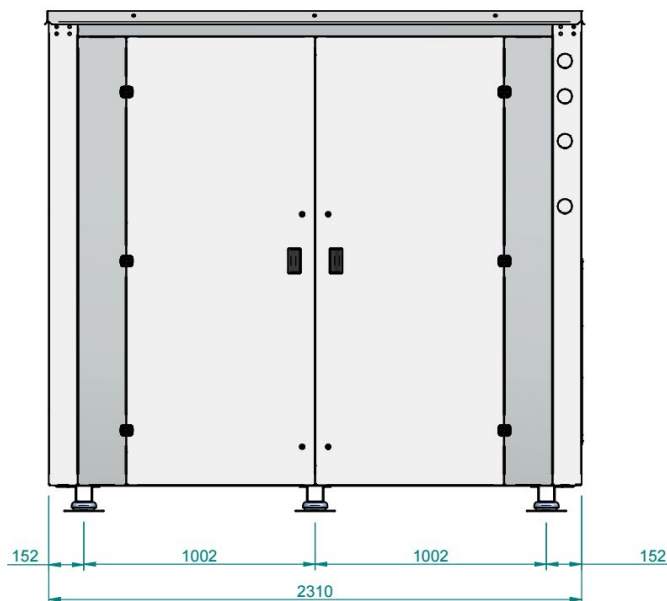
*DIMENSIONS: 4680*1260* H 2170 MM*



Dimensions

*LIQUID RECEIVER OUTDOOR VERSION (300/435/2*300 L)*

*DIMENSIONS: 2310*1260* H 2170 MM*



Dimensions

REMOTE HEAT RECOVERY MODULE AXP52-100L

